

**REQUEST FOR PROFESSIONAL ENGINEERING SERVICES
OVERSIGHT AND DOCUMENTATION OF UST ABANDONMENT
AT THE MONTOWESE ELEMENTARY SCHOOL
145 FITCH STREET,
NORTH HAVEN, CONNECTICUT 06473**

Re: Underground Storage Tank (UST) Abandonment at the **Montowese Elementary School** (10,000-gallon fiberglass UST), 145 Fitch Street in North Haven, Connecticut, 06473.

Preparation of Tank Closure Notification, Conducting Soil Borings, Soil Sampling, Attend Pre-Bid Meeting, Contractor Oversight, Laboratory Analysis and Preparation of Closure Report

Purpose of Work

The purpose of the proposed work described below is to provide the final closure documentation in relation to the planned abandonment of one (1) underground fuel oil storage tank referenced above. Closure documentation shall comply with the requirements of Section 22a-449(d)-107(b), (c), and (e) of the State of Connecticut's Department of Energy and Environmental protection's (CT DEEP's) Underground Storage Tank Regulations.

Scope of Work

1. On behalf of the Town of North Haven, prepare proper notification to the State of CT DEEP for the abandonment in-place of the 10,000 gallon UST at Montowese Elementary School.

LUMP SUM (Not to Exceed) PRICE \$_____.

2. Meet bidders at the job site at a Pre-Bid Meeting to be scheduled by the Director of Public Works, answer bidder questions, assist Director with issuing bid addenda, tabulate bids and provide bid summary to Town.

LUMP SUM (Not to Exceed) PRICE \$_____.

3. Conduct soil sampling and analysis in accordance with Department of Energy and Environmental Protection (DEEP) Guidance entitled "Sampling and Analytical Methods for Underground Storage Tank Closure." A total of six samples will be collected using a small geoprobe drill rig capable of accessing the Montowese Elementary School Site in which the tank is located. Two of the six soil samples will be collected as close as possible to the bottom of the tank by using angled borings. The other four samples will be collected from the ends and sides of the tank by drilling alongside the tank.

LUMP SUM (Not to Exceed) PRICE \$_____.

4. All soil samples will be analyzed by s State certified environmental testing laboratory for extractable total petroleum hydrocarbons (ETPH) and one sample, considered to be the potential worst-case location, will also be analyzed for aromatic volatile organic compounds as blank, spiked or duplicate samples will also be collected and analyzed in accordance with DEEP's Reasonable Confidence Protocols (RCPs). Laboratory Analyses shall be performed per DEEP Guidance and RCPs.

LUMP SUM (Not to Exceed) PRICE \$_____.

5. Inspect the work of the selected contractor at the site and take photographs to document site conditions before, during and after UST abandonment operations.

LUMP SUM (Not to Exceed) PRICE \$_____.

6. Prepare UST Closure Report documenting proper closer of the UST, including photographs, site plans showing soil sample locations and laboratory reports showing compliance with CT DEEP regulatory standards.

LUMP SUM (Not to Exceed) PRICE \$_____.

TOTAL LUMP SUM PRICES FOR Bid Items (1) through (6) Above = \$_____.

(Add Bid items (1) through (6))

The above base price assumes that soil contamination or other unforeseen conditions are not encountered.

Should soil contamination or other unforeseen conditions be encountered, the following rates will apply for addition services that might be required.

Professional Engineer: \$____/hour

CAD Operator: \$____/hour

Laboratory: Actual Cost plus ____%

Bids are due on or before 10:00 A.M. April 20, 2018 to the Town of North Haven's Department of Finance and Administration, Memorial Town Hall, Lower Level, 18 Church Street, North Haven, Connecticut 06473, ATTENTION: Ellen Dufour.

Please note that Bids may be sent via facsimile to (203) 234-2130 or electronic mail to dufour.ellen@town.north-haven.ct.us, however, Bidders are responsible for confirming that their Bids have been received by the Town of North Haven.

Schedule of Work

Four weeks are allowed for the submission of the Closure Report to the CT DEEP and the Town of North Haven following the UST Abandonment.

Bidders Questions

All questions regarding the above solicitation for Bid shall be submitted to Lynn K. Sadosky, P.E., Director of Public Works at (203) 239-5321, ext. 401 or via electronic mail at sadosky.lynn@town.north-haven.ct.us. and Edward J. Swinkoski, C.P.A., Director of Finance and Administration at (203) 239-5321, extension 650 or via electronic mail at Swinkoski.edward@town.north-haven.ct.us.

The Director of Facilities and Grounds for the Board of Education is Philip Diana. Mr. Diana can be contacted through the Director of Public Works for a site visit and to become familiar with the elementary school work site.